

BORE PLUG
ABSTRACT OF THE DISCLOSURE

An expandable plug fitted with a pressure valve for plugging a tubular bore having a shaft member with one or more cylindrical cylinders and one or more cylindrical sleeves slideably disposed on the shaft member and a flange is attached near the distal end to retain the cylindrical seals and cylindrical sleeves on the shaft member. The shaft member may be hollow with a pressure valve secured within the hollow shaft. A pulling mechanism disposed at the proximal end of the shaft member compresses the cylindrical seals by exerting an axial force upon the shaft member in a proximal direction, thereby causing the shaft member to slide through the axial openings of the cylindrical seals and the cylindrical sleeves in the proximal direction, thereby compressing the cylindrical seals between the flange and the pulling mechanism. The compressed seals expand radially, sealing the tubular bore.